AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

1.   (Currently Amended) A method for delivering data, in a wireless system comprising a distributed infrastructure of access points, said method comprising:

identifying a plurality of access points to be used cooperatively in combination with each other for the transmission of said data to a receiver, wherein said cooperative usage of said plurality of access points is maintained for at least some portion of a data transmission period;

enabling the transmission of said data to said receiver via said plurality of access points, wherein said data is transmitted in a pattern that uses at least two access points during at least some portion of said data transmission period, wherein data packets of said data comprise timestamps and wherein said pattern is selected from a group of predetermined patterns; and

determining, during the transmission, performance of at least one of said access points being used for the transmission to enable transmitting at least a portion of said data through a different access point while the transmission is in progress, wherein said performance is based at least on examination of said timestamps.

2.   (Canceled)

3.   (Previously Presented) The method of Claim 1 wherein said pattern is a split-balanced transmission pattern.

4.   (Previously Presented) The method of Claim 1 wherein said pattern is a site selection transmission pattern.

5.   (Previously Presented) The method of Claim 1 wherein said pattern is a combination of a split-balanced transmission pattern and a site selection transmission pattern.

6.   (Original) The method of Claim 1 wherein respective access points of said plurality of access points operate cooperatively and in combination by transmitting different portions of said data in an alternating manner.

7   (Original) The method of Claim 1 wherein respective access points of said plurality of access points operate cooperatively and in combination by facilitating the transmission of a majority of said data over a first access point and the transmission of a remainder of said data over a second access point.

8.   (Original) The method of Claim 7 wherein said remainder of said data is used to gather information related to said second access point.

9.   (Previously Presented) The method of Claim 1 wherein said pattern is selected based upon information from the group consisting of various predetermined patterns, measurements from a variety of sources, and the content of said data to be transmitted.

10.   (Currently Amended) A method for delivering data utilizing a multi-access point transmission scheme, said method comprising:
        identifying a plurality of access points to be used cooperatively in combination with each other for the transmission of said data to a receiver wherein said cooperative usage of said plurality of access points is maintained for at least some portion of a data transmission period, wherein data packets of said data comprise timestamps;
        delivering a first portion of said data to said receiver via a first access point;
        delivering a second portion of said data to said receiver via a second access point, wherein said first portion of said data and said second portion of said data are delivered to said receiver utilizing at least one predetermined multi-access point transmission scheme and wherein said first and said second access points operate cooperatively and in combination by transmitting different portions of said data in an alternating manner; and

determining, during the delivering of said first and second portions, performance of at least one of said access points being used for the delivering of said first and second portions to enable delivering at least a portion of said data through a different access point while the first and second portions are being delivered, wherein said performance is based at least on examination of said timestamps.

11.   (Original) The method of Claim 10 wherein said multi-access point transmission scheme comprises a split-balanced transmission scheme wherein data portions are evenly balanced across said plurality of access points.

12.   (Original) The method of Claim 11 wherein said multi-access point transmission scheme comprises a site selection multi-access point transmission scheme wherein said first and said second access points operate cooperatively and in combination and wherein a transmission of a majority of said data is made over said first access point and the transmission of a remainder of said data is made over said second access point.

13.   (Original) The method of Claim 12 wherein said remainder of said data is used to gather information related to said second access point.

14.   (Original) The method of Claim 12 wherein said split-balanced multi-access point transmission scheme and said site selection multi-access point transmission scheme are used in conjunction.

15.   (Canceled)

16.   (Currently Amended) A system for data delivery in a wireless system comprising a distributed infrastructure of access points, said system comprising:

an access point identifier that identifies a plurality of access points to be used cooperatively in combination with each other for the transmission of said data from a

sender to a receiver wherein said cooperative usage of said plurality of access points is maintained for at least some portion of a data transmission period; and

a multi-access point data transmission enabler communicatively coupled to said access point identifier, said multi-access point data transmission enabler enabling the transmission of said data to said receiver via said plurality of access points by utilizing at least one multi-access point transmission scheme that uses at least two access points during at least some portion of said data transmission period, wherein data packets of said data comprise timestamps, and wherein said multi-access point data transmission enabler determines, during the transmission, performance of at least one of said access points being used for the transmission to enable transmitting at least a portion of said data through a different access point while the transmission is in progress, wherein said performance is based at least on examination of said timestamps and wherein said transmission scheme is selected from a group of predetermined patterns.

17.   (Original) The system of Claim 16 further comprising:

a measurement subsystem coupled to said multi-access point data transmission enabler, said measurement sub-system providing measurements that are used by said multi-access point data transmission enabler to determine data packet allocations across said plurality of access points.

18.   (Original) The system of Claim 17 further comprising:

a data packet relaying component coupled to said multi-access point data transmission enabler, said data packet relaying component for relaying data packets to said receiver that are transmitted to said data packet relaying component from said sender.

19.   (Original) The system of Claim 18 wherein said access point identifier, said multi-access point data transmission enabler, said measurement sub-system, and said data packet relaying component are all resident at the same system node.

20.   (Original) The system of Claim 18 wherein said access point identifier, said multi-access point data transmission enabler, said measurement sub-system, and said data packet relaying component are not all resident at the same system nodes.

21.   (Original) The system of Claim 18 wherein said access point identifier and said multi-access point data transmission enabler are resident at said receiver.

22.   (Original) The system of Claim 18 wherein said access point identifier and said multi-access point data transmission enabler are resident at said sender.

23.   (Original) The system of Claim 18 wherein said access point identifier and said multi-access point data transmission enabler are resident at least one intermediate system node.

24.   (Original) The system of Claim 18 wherein said access point identifier and said multi-access point data transmission enabler are located at least one of said plurality of access points.

25.   (Currently Amended) A computer useable medium having computer useable code embodied therein for causing a computer to perform operations comprising:
        identifying a plurality of access points to be used cooperatively in combination with each other for the transmission of said data to a receiver, wherein said cooperative usage of said plurality of access points is maintained for at least some portion of a data transmission period;
        enabling the transmission of said data to said receiver via said plurality of access points utilizing at least one predetermined multi-access point transmission scheme that uses at least two access points during at least some portion of said data transmission period, wherein packets of said data comprise timestamps and wherein respective access points of said plurality of access points operate cooperatively and in combination by transmitting different portions of said data in an alternating manner; and

determining, during the transmission, performance of at least one of said access points being used for the transmission to enable transmitting at least a portion of said data through a different access point while the transmission is in progress, wherein said performance is based at least on examination of said timestamps.

26.   (Previously Presented) The computer useable medium of Claim 25 wherein said enabling said transmission of said data comprises utilizing at least one multi-access point transmission scheme that comprises a split-balanced multi-access point transmission scheme.

27.   (Original) The computer useable medium of Claim 25 wherein said enabling said transmission of said data comprises utilizing at least one multi-access point transmission scheme that comprises a site selection multi-access point transmission scheme.

28.   (Original) The computer useable medium of Claim 25 wherein said enabling said transmission of said data comprises utilizing a split-balanced transmission scheme and a site selection multi-access point transmission scheme that are used in conjunction.

29.   (Canceled)

30.   (Original) The computer useable medium of Claim 25 wherein respective access points of said plurality of access points operate cooperatively and in combination by facilitating the transmission of a majority of said data over a first access point and the transmission of a remainder of said data over a second access point.

31.   (Original) The computer useable medium of Claim 30 wherein said remainder of said data is used to gather information related to said second access point.

32.   (Original) The computer useable medium of Claim 25 wherein the use of said multi-access point transmission scheme is based upon information that is selected from the group consisting of a predetermined pattern, measurements from a variety of sources, and the content of said data to be transmitted.

33.   (Currently Amended) A method for delivering data, in a wireless system comprising a distributed infrastructure of access points, said method comprising:

identifying a plurality of access points to be used cooperatively in combination with each other for the transmission of said data to a receiver;

enabling the transmission of said data to said receiver via said plurality of access points utilizing at least one multi-access point transmission scheme, wherein data packets of said data comprise timestamps and wherein respective access points of said plurality of access points operate cooperatively and in combination by transmitting different portions of said data in an alternating manner; and

determining, during the transmission, performance of at least one of said access points being used for the transmission to enable transmitting at least a portion of said data through a different access point while the transmission is in progress, wherein said performance is based at least on examination of said timestamps.

34.   (Original) The method of Claim 33 wherein said enabling said transmission of said data comprises utilizing at least one multi-access point transmission scheme that comprises a split-balanced transmission scheme.

35.   (Original) The method of Claim 33 wherein said enabling said transmission of said data comprises utilizing at least one multi-access point transmission scheme that comprises a site selection multi-access point transmission scheme.

36.   (Original) The method of Claim 33 wherein said enabling said transmission of said data comprises utilizing a split-balanced transmission scheme and a site selection multi-access point transmission scheme that are used in conjunction.

37.   (Canceled)

38.   (Original) The method of Claim 33 wherein respective access points of said plurality of access points operate cooperatively and in combination by facilitating the transmission of a majority of said data over a first access point and the transmission of a remainder of said data over a second access point.

39.   (Original) The method of Claim 38 wherein said remainder of said data is used to gather information related to said second access point.

40.   (Original) The method of Claim 33 wherein said multi-access point transmission scheme is selected based upon information from the group consisting of a predetermined pattern, measurements from a variety of sources, and the content of said data to be transmitted.